Application of Lotvin et al.

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Filed: 08/31/2000

Title: METHODS AND SYSTEMS FOR ELECTRONIC TRANSACTIONS

Group/Art Unit: 3625

Examiner: Sabrina Chang

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

## RESPONSE TO NONFINAL OFFICE ACTION

In response to the office action of February 19, 2003 please amend the above-identified application as follows and consider the following remarks. A petition for extension of time (2 months) along with a required fee is filed herewith.

**In the claims**

Please amend claim1 as follows :

1. (Amended) A computer-implemented method comprising:

storing at least one acquisition ·specification of a first user represented in a scripting language that specifies acquisition requirements;

parsing the acquisition specification into at least one purchase form comprising a plurality of attributes, at least one of which specifying a transactional action desired to be electronically completed by the first user;

receiving over the Internet and storing offering specification comprising at least one vendor form comprising a plurality of attributes, at least one of which specifying a transactional action desired to be electronically completed by a second user; and

electronically determining if the attributes in the purchase form are compatible with associated attributes in the vendor form by testing attributes in the purchase form against

attributes in the vendor form for satisfiability using a compatibility dictionary, comprising a storage of sets of compatible terms associated with an automated completion of a transaction, wherein the step of testing comprises accessing the storage of the dictionary and determining whether the transactional action in the purchase form is compatible with the transactional action in the vendor form.

Please cancel claim 2

Please cancel claim 6

Please amend claim7 as follows :

7. (Amended) The method of claim    1 wherein the acquisition specification comprises data related to at least one advertisement.

Please amend claim 23 as follows :

23. (Amended) A computer system comprising:

memory storing at least one acquisition specification of a first user comprising data represented by a scripting language that specifies acquisition requirements;

means for parsing the acquisition specification into at least one purchase form comprising a plurality of attributes, at least one of which specifying a transactional action desired to be electronically completed by the first user;

means for receiving over the Internet and storing at least one offering specification comprising at least one vendor form comprising a plurality of attributes, at least one of which specifying a transactional action desired to be electronically completed by a second user; and

means for electronically determining if the attributes in the purchase form are compatible with associated attributes in the vendor form by testing attributes in the purchase form against attributes in the vendor form for satisfiability using a compatibility dictionary, comprising a storage of sets of compatible terms associated with an automated completion of a transaction, wherein the testing comprises accessing the storage of the dictionary and determining whether the transactional action in the purchase form is compatible with the transactional action in the vendor form.

Please cancel claim 24

Mikhail Lotvin and Richard Michael Nemes

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WE CLAIM:

1. A computer-implemented method comprising:

storing at least one acquisition specification comprising data represented by a scripting language;

electronically receiving and storing at least one offering specification; *and render* *from the*

electronically testing the acquisition specifications against the offering specifications for satisfiability.

2. The method of claim 1 wherein the step of electronically receiving comprises communication over the Internet.

3. The method of claim 1 wherein the at least one offering specification comprises data represented by a scripting languages.

4. The method of claim 1 wherein the storing the at least one acquisition specification is on a personal page assigned to a user providing the acquisition specification.

5. The method of claim 4 wherein the offering specification is received at the location where the personal page with at least one acquisition specification is stored.

6. The method of claim 2 wherein the testing acquisition specifications against offering specifications for satisfiability uses a compatibility dictionary.

7. The method of claim 2 wherein the acquisition specification comprises data related to at least one advertisement.

8. The method of claim 4 wherein the personal page communicates with Global Positioning System.

9. The method of claim 4 wherein voice recognition software is associated with the personal page and the acquisition specification is provided using voice input.

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10. The method of claim 4 wherein the acquisition specification is provided to the personal page using wireless communication.

11. A computer-implemented method comprising:

5    electronically providing to a first user to obtain a deal identifier;

receiving from the first user a first electronic contract and the deal identifier;

electronically providing a second user with the deal identifier;

receiving from the second user a second electronic contract and the deal identifier; and

10    determining if the transmitted first and second contracts are compatible;

12. A computer-implemented method comprising:

electronically indexing using at least one index value into a compatibility dictionary; and

15    electronically extracting a compatibility designation based on the at least one index value.

13. A computer-implemented method comprising:

storing a telephone service logic program on a personal page accessible over the

20    Internet; and

electronically providing information encoded in the service logic programs to at least one computer controlling telephone service so as to enable the at least one computer controlling telephone service to control telephone service in accordance with the service logic program.

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14. The method of claim 13 wherein the at least one computer controlling telephone service is a telephone company computer.

15. The method of claim 13 wherein the at least one computer controlling telephone service is

30    users' local computers.

16. A computer-implemented method comprising:

electronically enabling a user to create location sensitive trigger events;

electronically enabling users' software to access global positioning system data; and

5        electronically enabling triggering of location sensitive trigger events based on global positioning system data.

17. A computer method comprising:

enabling a user to enter purchasing requirements in a memory space accessible

10        over the Internet and assigned to the user;

receiving over the Internet vendor's information associated with goods or services available from the vendor;

comparing the received vendor's information to the stored purchasing requirements of the user; and

15        completing a transaction if the step of comparing indicated that the vendor's information meets the purchasing requirements.

18. The method of claim 17 further comprising storing statements expressed in a high level language so as to represent the purchasing requirements.

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19. The method of claim 18 wherein the high level language includes an If statement.

20. The method of claim 18 further comprising processing the high level language so as to represent the purchasing requirements as lower level representation.

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21. The method of claim 20 wherein the low level representation includes one or more forms.

22 The system of claim 21 wherein voice recognition software is stored in connection with the memory space accessible over the Internet and assigned to the user, wherein the voice

30 recognition software is adjusted to recognize user's voice input.

23. A computer system comprising:

memory storing at least one acquisition specification comprising data represented by a scripting language;

means for electronically receiving and storing at least one offering specification; and

means for electronically testing the acquisition specifications against the offering specifications for satisfiability.

24.. The system of claim 23 wherein the means for electronically receiving comprises means for communication over the Internet.

25. The system of claim 24 wherein the at least one offering specification comprises data represented by a scripting languages.

26. A computer system comprising:

means for enabling a user to enter purchasing requirements in a memory space accessible over the Internet and assigned to the user;

means for receiving over the Internet vendor's information associated with goods or services available from the vendor;

means for comparing the received vendor's information to the stored purchasing requirements of the user; and

means for completing a transaction if the step of comparing indicated that the vendor's information meets the purchasing requirements.

27. The system of claim 26 wherein the purchasing requirements are expressed in a high level language.

28. The system of claim 27 further comprising mens for processing the high level language so as to represent the purchasing requirements as lower level representation.

29. The method of claim 28 wherein the low level representation includes one or more forms.

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30. The system of claim 29 wherein voice recognition software is stored in connection with the memory space accessible over the Internet and assigned to the user, wherein the voice recognition software is adjusted to recognize user's voice input.

5    31. A computer system comprising:

means for electronically providing to a first user to obtain a deal identifier;

means for receiving from the first user a first electronic contract and the deal identifier;

means for electronically providing a second user with the deal identifier;

10    means for receiving from the second user a second electronic contract and the deal identifier; and

means for determining if the transmitted first and second contracts are compatible.

15    32. A computer system comprising:

means for electronically indexing using at least one index value into a compatibility dictionary; and

means for electronically extracting a compatibility designation based on the at least one index value.

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33. A computer system comprising:

memory storing a telephone service logic program on a personal page accessible over the Internet; and

means for electronically providing information encoded in the service logic

25    programs to at least one computer controlling telephone service so as to enable the at least one computer controlling telephone service to control telephone service in accordance with the service logic program.

34. The system of claim 33 wherein the at least one computer controlling telephone service is

30    a telephone company computer.

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35. The method of claim 33 wherein the at least one computer controlling telephone service is users' local computers.

36. A computer system comprising:

5        means for electronically enabling a user to create location sensitive trigger events;

means for electronically enabling users' software to access global positioning system data; and

means for electronically enabling triggering of location sensitive trigger events

10        based on global positioning system data.